



**METROPOLITAN  
TRANSPORTATION  
COMMISSION**

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## ***Memorandum***

TO: Administration Committee

DATE: September 5, 2007

FR: Executive Director

W. I. 1212

RE: Contract Amendment: Freeway Congestion Monitoring and Analysis: Kimley-Horn and Associates, Inc.

Staff recommends this Committee authorize a contract amendment with Kimley-Horn and Associates, Inc. to add \$160,000 to permit additional collection and analysis of freeway congestion data in the fall of 2007.

### **Background and Project Description**

Since 2004, MTC has hired a consultant to conduct “floating car runs” on Bay Area freeways and analyze congestion data in the spring and fall of each year. The freeway congestion data is valuable and widely used in the annual State of the System Report and in long-range planning and freeway operations analysis. A number of Congestion Management Agencies (CMAs) rely on the freeway congestion data for their monitoring programs. In addition, the Bay Area receives state SAFE funding based on the region’s share of total statewide congestion.

For reasons of cost-effectiveness, MTC has focused our data collection efforts on the more congested freeway segments. As a result, data on the less congested portions of the freeway system has not been collected or analyzed. This fall, MTC staff wishes to expand its data collection efforts to monitor a majority of freeway segments.

Kimley-Horn and Associates, Inc. was selected to perform the freeway congestion data collection activities following a competitive procurement conducted in early 2007. The Request for Proposal (RFP) provided for the selected consultant to collect traffic congestion data in spring and fall 2007, with options to renew the contract for four additional years. Of the original \$220,000 budget, \$100,670 was expended in Spring 2007. Staff proposes adding \$160,000 from the SAFE budget to cover the additional costs of an expanded data collection effort. Please note that \$40,000 of this transfer from the SAFE budget is contingent upon approval of a SAFE budget amendment on September 26. If the SAFE budget is not approved, the scope of work will be reduced accordingly.

Complete coverage of the delay on Bay Area freeways will be accomplished through a combination of measures: (1) the funding previously authorized by the Committee will allow the consultant to collect and analyze congestion data on the segments monitored each of the past 3 years; (2) the additional funding requested here will allow the consultant to add an additional 90 segments; (3) the consultant will also analyze data for 45 freeway segments that Caltrans will monitor under their HOV monitoring program to determine delay in the mixed-flow lanes.

**Recommendation**

Staff recommends that this Committee authorize the Executive Director to amend the contract with Kimley-Horn and Associates to add \$160,000 for Freeway and Congestion Monitoring and Analysis in the fall of 2007, of which \$40,000 is subject to approval by the staff of a pending FY 2007-08 budget revision.

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Steve Heminger

SH:SC

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## REQUEST FOR COMMITTEE APPROVAL

### Summary of Proposed Consultant Contract Amendment

Work Item No.:	1212
Consultant:	Kimley-Horn and Associates, Inc.
Project Title:	Freeway Congestion Monitoring and Analysis
Purpose of Project:	Collect and analyze congestion data on Bay Area freeways
Brief Scope of Work:	Conduct floating car runs to collect data on freeway speeds. Analyze data and calculate vehicle hours of delay on Bay Area freeways.
Project Cost Not to Exceed:	\$160,000 Amendment (previous contract amount of \$220,000)
Funding Source:	SAFE Funds
Fiscal Impact:	\$120,000 funding in the FY 2007-08 agency budget; remaining \$40,000 subject to approval by the SAFE on September 26, 2007.
Motion by Committee:	That the Executive Director or his designee is authorized to negotiate and enter into a contract amendment with Kimley-Horn and Associates, Inc. for the for the collection and analysis of freeway congestion data, and the Chief Financial Officer is directed to set aside funds in the amount of \$160,000 for said amendment.
Administration Committee:	<hr/> Bob Blanchard, Chair
Approved:	Date: September 12, 2007